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2834

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: K. Satoh et al. : Art Unit: 2834
Serial No.: 09/431,201 : Examiner: T. Dougherty
Filed: November 1, 1999
For: PIEZOELECTRIC
LOUDSPEAKER

#15/amdt
K. Jones
2-15-03

AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

S I R :

Responsive to the Official Action dated October 24, 2002, please
amend the above-identified application as follows:

CLAIMS:

Please replace claim 14 with the following amended claim:

- 1 14. (As Amended) A piezoelectric loudspeaker comprising:
- 2 a piezoelectric vibrator including a diaphragm and a plurality of
- 3 piezoelectric members provided on at least one face of the diaphragm, the
- 4 diaphragm being vibrated by the plurality of piezoelectric members; and
- 5 a frame for supporting the piezoelectric vibrator,
- 6 wherein different voltages are applied to at least two of the plurality
- 7 of piezoelectric members, and
- 8 wherein the plurality of piezoelectric members are split by a
- 9 conductive member and defined by visco-elastic members provided on at least one
- 10 face of the piezoelectric vibrator.